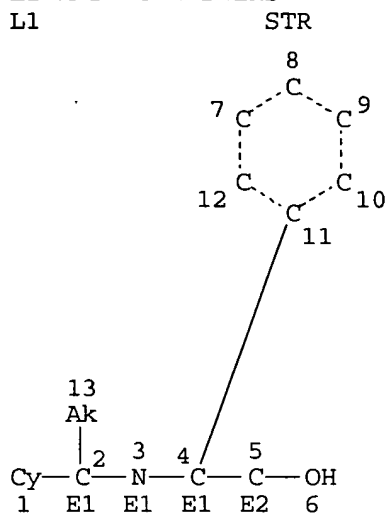


=> d sia l1  
 L1 HAS NO ANSWERS  
 L1



NODE ATTRIBUTES:

HCOUNT IS E1 AT 2  
 HCOUNT IS E1 AT 3  
 HCOUNT IS E1 AT 4  
 HCOUNT IS E2 AT 5  
 DEFAULT MLEVEL IS ATOM  
 GGCAT IS MCY LOC UNS AT 1  
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC I  
 NUMBER OF NODES IS 13

STEREO ATTRIBUTES: NONE

=> d his

(FILE 'HOME' ENTERED AT 11:21:32 ON 12 MAY 2005)

FILE 'REGISTRY' ENTERED AT 11:21:40 ON 12 MAY 2005

L1 STR  
 L2 6 S L1  
 L3 206 S L1 FUL

FILE 'CAPLUS' ENTERED AT 11:35:50 ON 12 MAY 2005

FILE 'STNGUIDE' ENTERED AT 11:35:57 ON 12 MAY 2005

FILE 'CAPLUS' ENTERED AT 11:39:45 ON 12 MAY 2005

L4 100 S L3

FILE 'REGISTRY' ENTERED AT 11:41:17 ON 12 MAY 2005

L5 1 S PHENYLGLYCINOL/CN

FILE 'CAPLUS' ENTERED AT 11:41:36 ON 12 MAY 2005

L6 212 S L5  
 L7 810 S PHENYLGLYCINOL  
 L8 9 S PHENYL GLYCINOL  
 L9 968 S L7 OR L8 OR L6  
 L10 55 S L4 AND L9

SAVE L10 H10826456/A

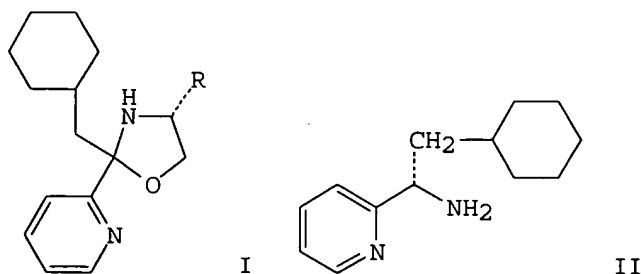
=>

2-Thienylmagnesium bromide 56613-80-0, (R)-Phenylglycinol  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(preparation of bis( $\alpha$ -aryl- $\alpha$ -methylethyl)amines from chiral  
imines or oxazolidines)

IT 131320-25-7P, [R-(R\*,R\*)]- $\beta$ -[(1-Phenylethyl)amino]benzeneethanol 139437-60-8P, [R-(R\*,R\*)]- $\beta$ -[[1-(2-Thienyl)ethyl]amino]benzeneethanol 153924-63-1P, [R-(E)]- $\beta$ -[(Phenylmethylene)amino]benzeneethanol Benzeneethanol,  $\beta$ -[(phenylmethylene)amino]-, [R-(E)] 154902-55-3P, [R-(E)]- $\beta$ -[(2-Thienylmethylene)amino]benzeneethanol 167280-25-3P 167280-26-4P 167280-27-5P 167280-28-6P 167280-30-0P 167280-31-1P 167280-32-2P 167280-33-3P 167280-34-4P 167280-35-5P 167280-36-6P 167280-37-7P 167280-38-8P 167280-39-9P 167280-40-2P 167280-41-3P 167280-42-4P 167280-43-5P 167280-44-6P 167280-46-8P 167358-09-0P 167358-10-3P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation of bis( $\alpha$ -aryl- $\alpha$ -methylethyl)amines from chiral  
imines or oxazolidines)

IT 23294-41-9P, [R-(R\*,R\*)]- $\alpha$ -Methyl-N-(1-phenylethyl)benzenemethanamine 56210-72-1P, (S,S')-Bis(1-phenylethyl)amine 167280-29-7P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of bis( $\alpha$ -aryl- $\alpha$ -methylethyl)amines from chiral  
imines or oxazolidines)

L10 ANSWER 45 OF 55 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 1993:495278 CAPLUS  
DN 119:95278  
ED Entered STN: 04 Sep 1993  
TI A simple and effective enantiomeric synthesis of a chiral primary amine  
AU Miao, Clara K.; Sorcek, Ronald; Jones, Paul James  
CS Dep. Med. Chem., Boehringer Ingelheim Pharm., Inc., Ridgefield, CT, 06877, USA  
SO Tetrahedron Letters (1993), 34(14), 2259-62  
CODEN: TELEAY; ISSN: 0040-4039  
DT Journal  
LA English  
CC 27-16 (Heterocyclic Compounds (One Hetero Atom))  
Section cross-reference(s): 28  
OS CASREACT 119:95278  
GI



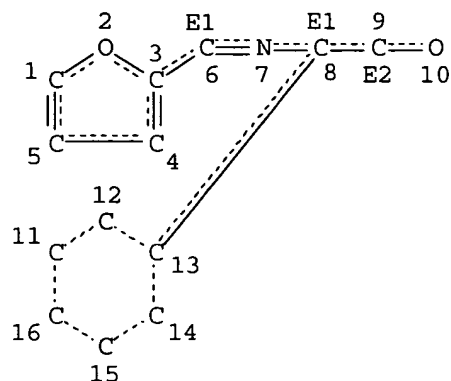
AB Catalytic reduction of chiral 2-(2-pyridyl)-1,3-oxazolidines I (R = Ph, Me<sub>2</sub>CH) and 2-pyridyl imines derived from (R)-phenylglycinol and (R)-valinol afforded high diastereomeric selectivity. Upon oxidative cleavage, the S-primary amine II with high ee was obtained.

ST chiral primary amine synthesis; oxazolidine redn ring cleavage

IT Asymmetric synthesis and induction  
(of chiral primary amines, from amino alcs., via oxazolidines)

IT Ring cleavage

```
=> str
:=> d sia
L1 HAS NO ANSWERS
L1 STR
```



# NODE ATTRIBUTES:

```
HCOUNT IS E1 AT 6
HCOUNT IS E1 AT 8
HCOUNT IS E2 AT 9
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED
```

# GRAPH ATTRIBUTES:

```
RSPEC I
NUMBER OF NODES IS 16
```

STEREO ATTRIBUTES: NONE

```
=> s l1
SAMPLE SEARCH INITIATED 11:05:00 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 363 TO ITERATE
```

```
100.0% PROCESSED 363 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01
```

```
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
                        BATCH **COMPLETE**
PROJECTED ITERATIONS: 6117 TO 8403
PROJECTED ANSWERS: 0 TO 0
```

```
L2 0 SEA SSS SAM L1
```

```
=> s l1 ful
FULL SEARCH INITIATED 11:05:24 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 6978 TO ITERATE
```

```
100.0% PROCESSED 6978 ITERATIONS 14 ANSWERS
SEARCH TIME: 00.00.01
```

```
L3 14 SEA SSS FUL L1
```

```
=> d tot reg
1 RN 779340-43-1 REGISTRY
2 RN 779340-42-0 REGISTRY
3 RN 216169-67-4 REGISTRY
4 RN 202072-12-6 REGISTRY
```

5	RN	172738-77-1	REGISTRY
6	RN	139437-47-1	REGISTRY
7	RN	84966-68-7	REGISTRY
8	RN	84966-62-1	REGISTRY
9	RN	84966-52-9	REGISTRY
10	RN	84966-43-8	REGISTRY
11	RN	84966-39-2	REGISTRY
12	RN	84966-27-8	REGISTRY
13	RN	84966-20-1	REGISTRY
14	RN	84966-14-3	REGISTRY

=> d 1 3-7 ide

L3 ANSWER 1 OF 14 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 779340-43-1 REGISTRY  
 ED Entered STN: 12 Nov 2004  
 CN Benzenemethanamine, N-[(5-methyl-2-furanyl)methylene]- $\alpha$ -  
 [[(trimethylsilyl)oxy]methyl]-, [N(E), $\alpha$ R]- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C17 H23 N O2 Si  
 SR CA  
 LC STN Files: CA, CAPLUS, CASREACT, USPATFULL

Absolute stereochemistry.